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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Hand-Carry

C. Richard SCHLEGEL

) Group Art Unit: 1813

Application No.: 08/216,506

) Examiner: Unassigned **RECEIVED**

JUN 06 1994

Filed: March 22, 1994

GROUP 180

For: PAPILLOMAVIRUS VACCINE

PRELIMINARY AMENDMENT AND SUBMISSION
OF § 1.132 DECLARATIONS AND ASSIGNMENT DOCUMENT

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Prior to examination of the above-identified application, kindly amend claims 1, 12, 19, 41 as follows:

Subt. 61
1. (Twice Amended) A recombinantly produced fragment thereof, wherein said protein is capable of [substantially] reproducing the antigenicity of the L1 major capsid protein expressed on the surface of intact papillomavirus virions.

Subt. 62
12. (Twice Amended) A vaccine for the prevention of papillomavirus infection, said vaccine comprising at least one PV type of recombinantly produced L1 protein, or antigenic fragment thereof, which is capable of [substantially] reproducing the antigenicity of the L1 major capsid protein expressed on the surface of intact papillomavirus virions.